

IN THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims:

1. (Original) A non-aqueous UV-curable ink composition for ink jet printing comprising a colorant, a UV-curable organic diluent and a surfactant wherein the surfactant is selected from an acrylate-modified polydimethylsiloxane or a polyether-modified polydimethylsiloxane, said composition causing the loss of no more than 5% of the nozzles in an ink jet print head after 750 prints and providing a hole to area ratio of no more than 0.05.
2. (Currently Amended) ~~An~~ The ink composition as claimed in Claim 1 wherein the composition causes the loss of no more than 1% of the nozzles in an ink jet print head after 750 prints.
3. (Currently Amended) ~~An~~ The ink composition as claimed in Claim 1 ~~or Claim 2~~ wherein the composition provides a hole to area ratio of no more than 0.02.
4. (Currently Amended) ~~An~~ The ink composition as claimed in ~~any of the preceding claims~~ Claim 1 wherein the composition provides a hole to area ratio of no more than 0.007.
5. (Currently Amended) ~~An~~ The ink composition as claimed in ~~any of the preceding claims~~ Claim 1 comprising from about 0.01 to about 2 wt % surfactant.

6. (Currently Amended) ~~An~~ The ink composition as claimed in ~~any of the preceding~~
~~claims~~ Claim 1 comprising about 0.3 wt % surfactant.

7. (Currently Amended) ~~An~~ The ink composition as claimed in ~~any of the preceding~~
~~claims~~ Claim 1 wherein the surfactant is an acrylate-modified polydimethylsiloxane.

8. (Currently Amended) ~~An~~ The ink composition as claimed in ~~any of the preceding~~
~~claims~~ Claim 1 wherein the surfactant is an acrylate-modified polydimethylsiloxane having from
twelve to eighteen dimethylsiloxane groups.

9. (Currently Amended) ~~An~~ The ink composition as claimed in ~~any of the preceding~~
~~claims~~ Claim 1 wherein the surfactant is an acrylate-modified polydimethylsiloxane having
fifteen dimethylsiloxane groups.

10. (Currently Amended) ~~An~~ The ink composition as claimed in ~~any of the preceding~~
~~claims~~ Claim 1 wherein the surfactant is a tetraacrylate-modified polydimethylsiloxane.

11. (Currently Amended) ~~An~~ The ink composition as claimed in Claim 10 wherein
the surfactant is not further organo-modified.

12. (Currently Amended) ~~An~~ The ink composition as claimed in ~~any of the preceding~~
~~claims~~ Claim 1 wherein the surfactant is not polyether-modified.

13. Cancelled.

14. (Currently Amended) ~~An~~ The ink composition as claimed in ~~any of the preceding~~
~~claims~~ Claim 1 wherein the surfactant is Addid® 300.

15. (Currently Amended) ~~An~~ The ink composition as claimed in ~~any of the preceding~~
~~claims~~ Claim 1 wherein the surfactant is a polyether-modified polydimethylsiloxane.

16. (Currently Amended) ~~An~~ The ink composition as claimed in Claim ~~15~~ 14
wherein the surfactant is BYK®-333.

17. (Currently Amended) ~~An~~ The ink composition as claimed in ~~any of the preceding~~
~~claims~~ Claim 1 consisting essentially of:

about 1 to about 10 wt % colorant;

about 15 to about 50 wt % dispersant system (based on amount of colorant);

about 75 to about 95 wt % UV-curable organic diluent;

about 0.01 to about 2 wt % surfactant; and

about 3 to about 20 wt % photoinitiator,

wherein the total amount of these components equates to 100 wt %.

18. Cancelled.

19. (Currently Amended) ~~An~~ The ink jet printing ink cartridge containing an ink composition as claimed in ~~any of the preceding claims~~ Claim 1.

20. (Currently Amended) A method of producing a printed substrate comprising ink jet printing the substrate with an ink composition as claimed in ~~any of Claims 1-18~~ Claim 1 and then exposing the substrate to UV-radiation.

21. (Currently Amended) ~~An~~ The method as claimed in Claim 20 wherein the substrate is packaging containing a foodstuff.

22. (Currently Amended) ~~An~~ The method as claimed in Claim 20 wherein the substrate is a web of foodstuff packaging material upstream of packaging formation.

23. (New) A non-aqueous UV-curable ink composition for ink jet printing comprising a colorant, a UV-curable organic diluent and a surfactant wherein the surfactant is a block copolymeric tetraacrylate-modified polydimethylsiloxane having fifteen dimethylsiloxane units.

24. (New) The ink composition as claimed in Claim 23 wherein the surfactant is Addid[®] 300.